

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (currently amended): A backwashable filtering device for thermoplastic
2 plastics material, comprising a housing (1) in which at least one feed channel (2) is provided for
3 the material to be filtered and at least one delivery channel (3) is provided for the filtered
4 material, and comprising at least one carrying body (4) which is arranged in the housing (1),
5 carries at least two nests of screens (8, 9) and is displaceable in the housing (1) between a
6 filtering position and at least one backwashing position associated with a nest of screens (8, 9),
7 wherein, in the filtering position, distribution chambers (14, 15) arranged on the inflow side of
8 the nests of screens (8, 9) are fluidically connected to at least one feed channel (2) via inflow
9 channels (10, 11), and collecting chambers (16, 17) arranged on the outflow side of the nests of
10 screens (8, 9) are fluidically connected to at least one delivery channel (3) via outflow channels
11 (18, 19), and, in the backwashing position of the carrying body (4), filtered material passes from
12 the collecting chamber (16, 17) of one nest of screens (8, 9), through a backwashing channel (23)
13 arranged in the carrying body (4) and into the collecting chamber (16, 17) of another nest of
14 screens (8, 9) to be cleaned and, when the outflow channel (18, 19) of this other nest of screens
15 (8, 9) is closed, is dischargeable together with the impurities from this nest of screens (8, 9) into
16 a backwashing outlet channel (38) via the distribution chamber (14, 15) of this nest of screens (8,
17 9), ~~characterised in that wherein~~ at least one control body (31), ~~which~~ is displaceable in the
18 housing (1) relative to the carrying body (4), ~~[[is]]~~ said at least one control body being associated
19 with each nest of screens (8, 9) for the backwashing of this nest of screens (8, 9) portion by
20 portion, each of these control bodies (31) forming a discharge channel (36) which, in the
21 backwashing position, is fluidically connected to at least one backwashing outlet channel (38)
22 via at least one control opening (37).

2. (currently amended): A device according to claim 1, ~~characterised in that~~
wherein at least two control bodies (31), which are displaceable independently of one another,
are provided for each nest of screens (8, 9), each control body (31) being associated with a
portion (14', 14", 15', 15") of the nest of screens (8, 9) for the backwashing of that portion.

3. (currently amended): A device according to claim 1, ~~characterised in that~~
wherein each control body (31) is formed by a slider (34) which is displaceable in its
longitudinal direction and/or rotatable about its longitudinal axis, wherein the discharge channel
(36) extends in the axial direction of the slider (34) and each control opening (37) pierces the
wall of the discharge channel (36).

4. (currently amended): A device according to claim 3, ~~characterised in that~~
wherein at least one slider (34) has at least two control openings (37) which, for a displaceable
slider, are spaced apart in the longitudinal direction of the slider (34) and, for a rotatable slider
(34), are spaced apart in the circumferential direction of the slider.

5. (currently amended): A device according to claim 3, ~~characterised in that~~
wherein each control body (31) is formed by a tube which is displaceably and/or rotatably guided
in a bore (35) of the housing (1).

6. (currently amended): A device according to claim 1, ~~characterised in that~~
wherein each backwashing outlet channel (38) is arranged substantially centrally in relation to its
associated portion (14, 14", 15', 15") of the nest of screens (8, 9).

7. (currently amended): A device according to claim 1, ~~characterised in that~~
wherein at least one nest of screens (8, 9) has two curved perforated plates (12, 13), between
which is arranged a filter insert (33) which is circular when laid flat, wherein the two perforated
plates (12, 13) are inserted into a receiving opening (32) in the carrying body (4), the receiving
opening (32) having an oval cross-section corresponding to the curvature of the perforated plates
(12, 13) when seen in the axial direction of the receiving opening (32), and wherein the

7 perforated plates (~~12, 13~~) are arranged so that their convex side lies on the inflow side during the
8 filtering process.

1 8. (currently amended): A device according to claim 1, ~~characterised in that~~
2 wherein, in the case of at least one nest of screens (8, 9), the collecting chamber (~~16, 17~~) is
3 divided into collecting-chamber portions by at least one wall (~~21~~) supporting the perforated
4 plates (~~12, 13~~).

1 9. (new): A backwashable filtering device for thermoplastic plastics
2 material, comprising:
3 a housing having at least one feed channel configured as an inlet of the material to
4 be filtered and at least one delivery channel configured as an outlet for the filtered material,
5 at least one carrying body configured to be movable between a filtering and a
6 backwashing position inside the housing,
7 at least two nests of screens disposed inside carrying body, said nests of screens
8 being configured for the filtering position and the backwashing position,
9 a distribution chamber arranged on the inflow side of each nest of screens, said
10 distribution chamber being fluidically connected to the at least one feed channel via inflow
11 channels,
12 a collecting chamber arranged on the outflow side of each nest of screens, said
13 collecting chamber being fluidically connected to the at least one delivery channel via outflow
14 channels,
15 wherein in the backwashing position a portion of the filtered material flows:
16 from the collecting chamber of one nest of screens,
17 through a backwashing channel arranged in the carrying body,
18 into the collecting chamber of another nest of screens,
19 through the backwashed nest of screens, thus removing impurities from
20 the backwashed nest of screens,
21 into the distribution chamber of the backwashed nest of screens,

22 into a backwashing outlet channel fluidically connecting the distribution chamber to at
23 least one control body,
24 into at least one control opening of the at least one control body ,
25 into a discharge channel of the at least one control body, and further out of the device,
26 wherein the at least one control body:
27 is movable relative to the carrying body and relative to other control bodies in the
28 longitudinal or the rotational direction,
29 is configurable for backwashing either an entire nest of screens or
30 a selectable portion of the nest of screens, and
31 is in the flow path only in the backwashing position, and out of the
32 flow path in the filtering position.